Cowie James J Form 4 February 12, 2018

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB 3235-0287 Number:

OMB APPROVAL

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average

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Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Cowie James J			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			CADENCE DESIGN SYSTEMS INC [CDNS]	(Check all applicable)			
(Last) 2655 SEELY	(First) AVENUE, I	(Middle) BLDG. 5	3. Date of Earliest Transaction (Month/Day/Year) 02/08/2018	Director 10% Owner _X Officer (give title Other (specify below) Sr. VP, General Counsel			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
SAN JOSE, CA 95134				Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction(A) or Dis Code (Instr. 3, 4 (Instr. 8)		(A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/08/2018		Code V F	Amount 2,147 (1)	(D)	Price \$ 36.82	95,776	D	
Common Stock	02/08/2018		Z	1,603 (2)	D	\$ 0	94,173	D	
Common Stock	02/08/2018		Z	1,603	A	\$ 0	23,506	I	By Trust
Common Stock	02/09/2018		F	2,178 (1)	D	\$ 37.68	91,995	D	
Common Stock	02/09/2018		Z	1,988 (2)	D	\$0	90,007	D	

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Common Stock 02/09/2018 Z 1,988 A \$ 0 25,494 I By Trust $\frac{(3)}{(3)}$

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	Execution Date, if		5. onNumber	6. Date Exerc Expiration D	ate	7. Titl	nt of	8. Price of Derivative	9. Nu Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	, ,	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securi		(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title	Number		
						Z.ici ciodole	2		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Cowie James J

2655 SEELY AVENUE, BLDG. 5 Sr. VP, General Counsel

SAN JOSE, CA 95134

Signatures

Yoonie Y. Chang, Attorney-in-Fact for James J.
Cowie

02/12/2018

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Shares withheld to satisfy tax obligations arising out of vesting of restricted stock.
- (2) Shares transferred to the Cowie Family Trust UAD 12/14/2012, of which Reporting Person and Reporting Person's spouse are trustees.
- (3) Shares held by the Cowie Family Trust UAD 12/14/2012, of which Reporting Person and Reporting Person's spouse are trustees.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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